

5

## BACKLIGHT UNITS FOR LIQUID CRYSTAL DISPLAYS

### ABSTRACT

A novel backlight is provided for a liquid crystal display (LCD). The backlight of this invention includes an organic electroluminescent (EOL) device and a cholesteric liquid crystal (CLC) polarizing device. This invention is also an LCD. The backlight of the present invention provides for highly efficiency and bright LCDs. This invention further provides for the production of ultra-thin and lightweight LCDs.

10